

PRODUCTION OF HIGH-CONCENTRATION PEARLESCENT DISPERSION

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Abstract

PURPOSE:A mixture consisting of ethylene glycol higher fatty acid diester, fatty acid diethanolamide, olefinsulfonate salt and water is heated to a homogeneous solution and cooled to precipitate pearlescent crystals, thus giving the titled dispersion.

CONSTITUTION:A mixture consisting of (A) 10-30wt% ethylene glycol higher fatty acid diester, (B) 3-40wt% aliphatic diethanolamide having 10-14C acyl group, (C) 15-40wt% olefinsulfonate of 10-16 carbon atoms, and 15-50wt% water or further less than 10wt% inorganic electrolytes is heated up above the melting point of component A to form a homogeneous solution and cooled to precipitate pearlescent crystals, thus giving the titled dispersion. The resultant dispersion is added by 0.5-5wt% to give a shampoo or detergent of good pearlescence.

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